
AMENDMENTS TO THE CLAIMS

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1. (Currently amended) A part of an antifriction bearing for a high temperature having an inner ring, an outer ring and a rolling element, consisting of a steel product containing C by at least 0.8% and not more than 1.3%, Si by at least ~~0.3%~~ 0.5% and not more than 3.0%, Mn by at least 0.2% and not more than 1.5%, P by not more than 0.03%, S by not more than 0.03%, Cr by at least 0.3% and not more than 5.0%, Ni by at least 0.53% and not more than 3.0%, Al by not more than 0.050%, Ti by not more than 0.003%, O by not more 0.0015% and N by not more than 0.015% in mass % as the contents of alloying elements with the rest consisting of Fe and unavoidable impurities and having a structure subjected to tempering after quench hardening or carbonitriding, wherein the hardness after said tempering is at least HRC 58, when tempered at a temperature in a range of 180°C to 350°C, and the maximum carbide size is not more than 8 µm.

2. (Original) The antifriction bearing part for a high temperature according to claim 1, wherein said steel product further contains at least one of at least 0.05 % and less than 0.25 % of Mo and at least 0.05 % and not more than 1.0 % of V in mass %.